CYCLONE MICRO

HD HDMI 1080p Up-Scaling

MICRO-MEDIA PLAYER ADAPTOR

User manual

SUMVISION

25/03/09 V1.1

Please note manual contents, specifications and product appearances may change without notice

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Safety Instructions

READ THESE INSTRUCTIONS:

All safety and operating instructions should be read before this product is used.

KEEP THESE INSTRUCTIONS:

The safety and operating instructions should be retained for future references.

FOLLOW ALL INSTRUCTIONS:

All operating instructions should be followed.

AVOID USING PRODUCT NEAR WATER:

Do not use this product near water.

ALWAYS CLEAN WITH A DRY CLOTH:

Clean using dry cloth only.

ONLY USE RECOMMENDED ACCESSORIES:

It is recommended to use manufacturer accessories only to avoid any compatiblity issues or damage to the product.

HEAT:

Do not install near to heat sources.

POWER OUTAGE:

Avoid use of the product during electrical storms. Disconnect device when not in use for long periods.

SERVICING:

If product is or becomes defective please refer to a qualified service technician for repair.

OPERATE TEMPERTURE:

Do not operate this device outside the temperature range of 5 degrees to 35 degrees.

HARDDRIVE AND OTHER MEDIA STORAGE DEVICES:

We will not be liable in anyway for damage as a consequence of loss or recovery of data on the hard drive and other attached media storage. Customers are recommended to backup data before using the media storage unit.

We not liable for compatibility issues with the media storage unit.
It is recommend that customers should buy a compatible storage media unit for this player.

1.Product Overview

Thank you for purchasing the Cyclone Micro Media Player Adaptor. The manual will provide you with instructions on how setup and use your new media player adaptor.

Cyclone Micro is a USB2.0 1080p up-scaling HDMI media player adaptor.
It can enhance and upscale standard movie video quality to 1080p resolution.

With the Cyclone Micro Player Adaptor you can just plug and play with USB storage devices* and play your favorite media files directly to a TV via HDMI or composite port.

The player adaptor also has a card reader which supports SD/MS/MMC and SDHC cards.

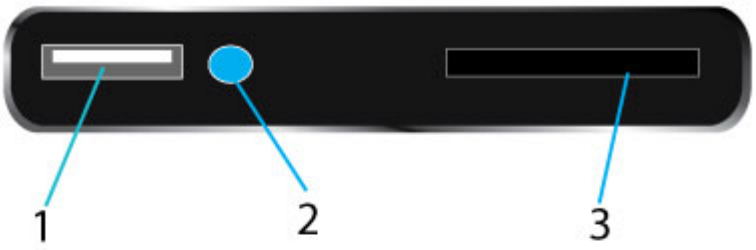
1.1 Features

- Plug and Play support for USB storage and MMC/SD/MS/SDHC device.
- Upscale playback of standard media files to 1080p resolution.
- Fast forward, rewind, zoom, pause, and repeat functions.
- USB support for Enclosures, Card readers and Flash drives.
- USB storage file system supports FAT32/NTFS.
- Card memory storage file system supports FAT/FAT32.
- Upscale resolution to 480p/576p, 720p, 1080i, 1080p via HDMI interface.
- Standard video output 480i/576i via composite interface
- Video format support: MPEG1/2/4(MPG, VOB, AVI), DivX(avi), XviD(avi), **resolution up to 720 x 480 30fps / 720 x 576 25fps.**
- Photo format support: JPEG, GIF and BMP.
- Audio format support: MP3, WMA and OGG.
- Other format support: ISO (image format).

***USB storage units: SUMVISION recommends SUMVISION USB products for 100% compatibility.**

1.2 Connections

Front

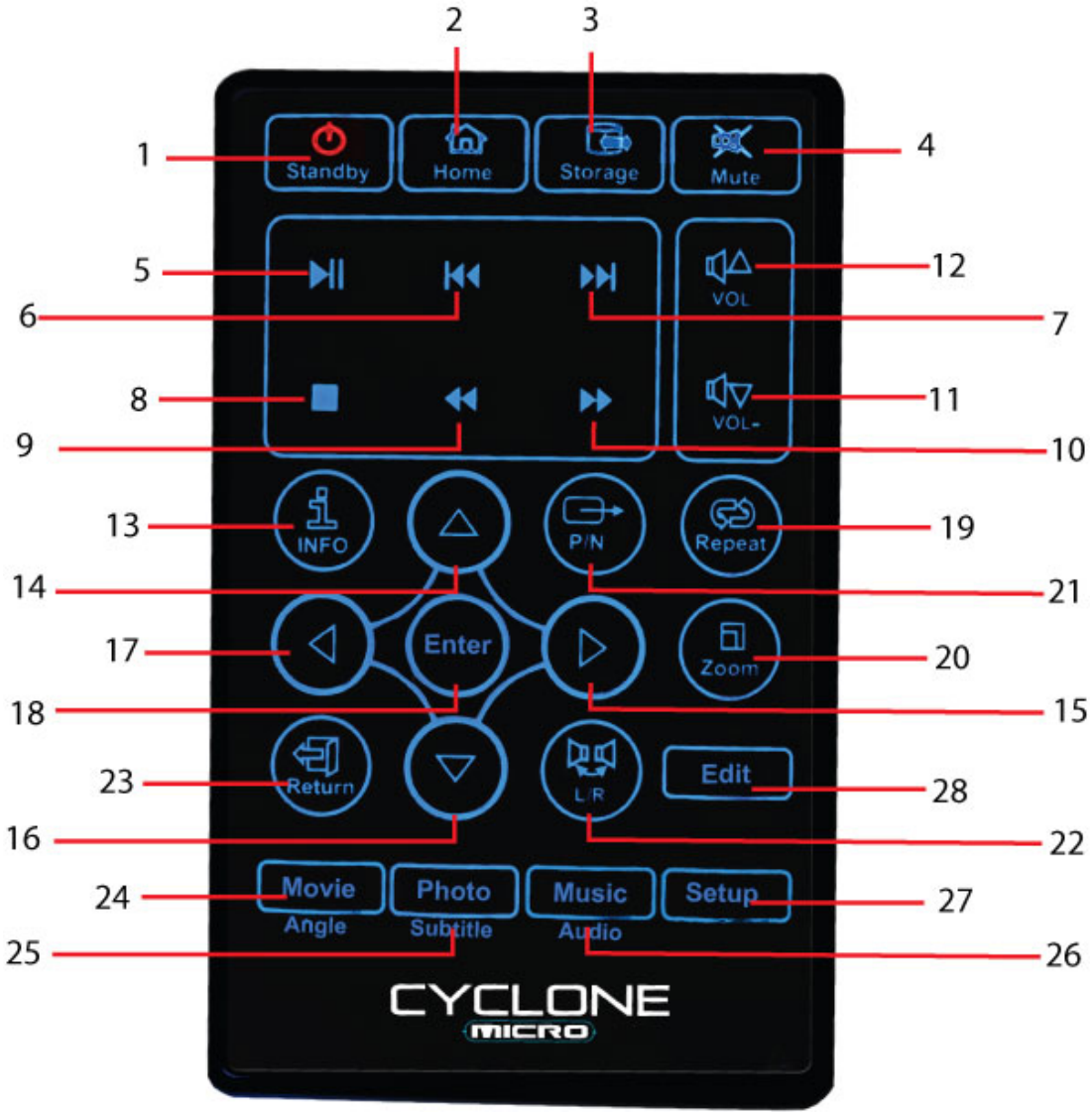


1	USB PORT	USB Storage enclosures,Players,card readers etc
2	Power LED	Red=standby Blue=ON No colour=OFF
3	SD/MMC/MS PORT	Secure Digital (SD)/MultiMediaCard (MMC)/Memory Stick (MS)

Back

4	Power Jack	Connect power cable
5	HDMI Port	HDMI 1.3 version Digital connection to HDTV
6	Composite Jack	Analog connection to TV

1.3 Remote Control Overview



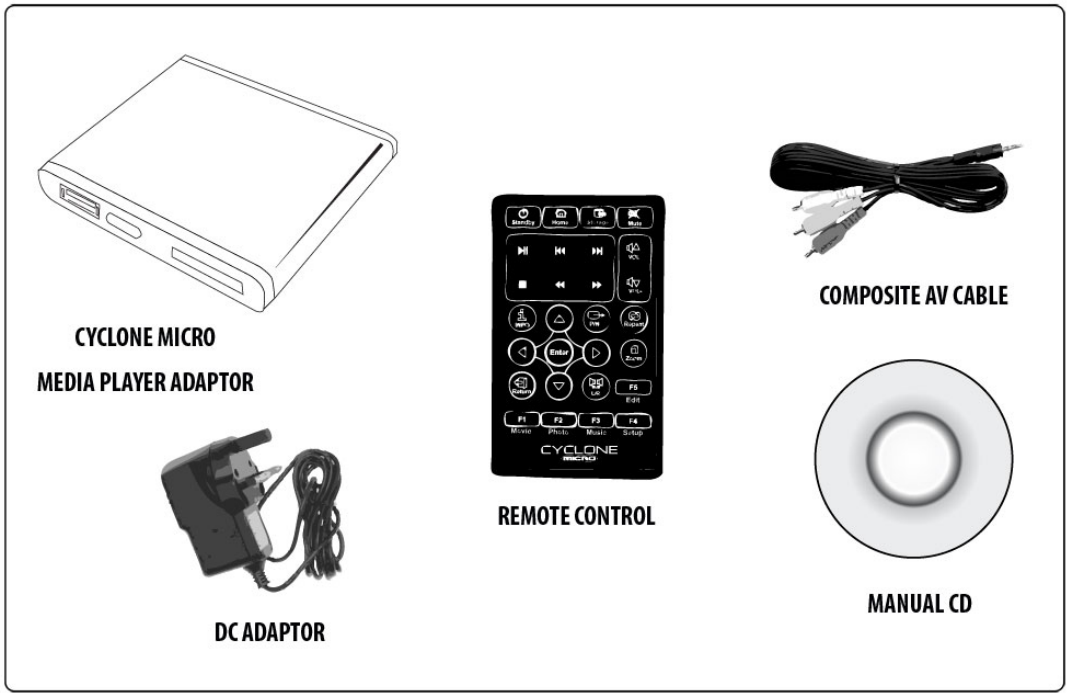
1. **Standby:** Press to power ON or OFF (Standby mode).
2. **Home:** Display the main menu screen for movies/photos/music and settings.
3. **Storage:** Change between CARD and USB storage mode.
4. **Mute:** Mute Sound ON or OFF.
5. **PLAY/PAUSE:** Play or Pause the selected file.
6. **Prev:** Jump back to previous chapter or file.
7. **Next:** Jump to next chapter or file.
8. **Stop:** Stop playback.
9. **Rewind:** Rewind during playback.
10. **Fast forward:** Fast forward during playback.
11. **Volume - :** Decrease volume.
12. **Volume + :** Increase volume.
13. **Information:** Display file information during playback.
14. **Navigate up:** Move cursor up.
15. **Navigate right:** Move cursor right.

16. **Navigate down:** Move cursor down.
17. **Navigate left:** Move cursor left.
18. **Enter:** Executed the selected function.
19. **Repeat:** Select the repeat mode of the file or files being played.
20. **Zoom:** Start or select zooming function.
21. **P/N(TV system):** Select TV system mode PAL, NTSC etc.
22. **Audio:** Switch between the audio track left to right and stereo.
23. **Return:** Leave the current mode, go one directory back from the current directory.
24. **Movie menu: / ANGLE (MOVIE playback):** Shortcut access movie menu / select angle options during video playback (if file support it).
25. **Photo menu: / SUBTITLE (MOVIE playback):** Shortcut access photo menu / select subtitle options during video playback (if file support it).
26. **Music menu: / AUDIO (MOVIE playback):** Shortcut access music menu / select different language during video playback (if file support it).
27. **Setup menu:** Shortcut access to setup menu.
28. **Edit menu:** Shortcut access to edit menu.

2. Setup

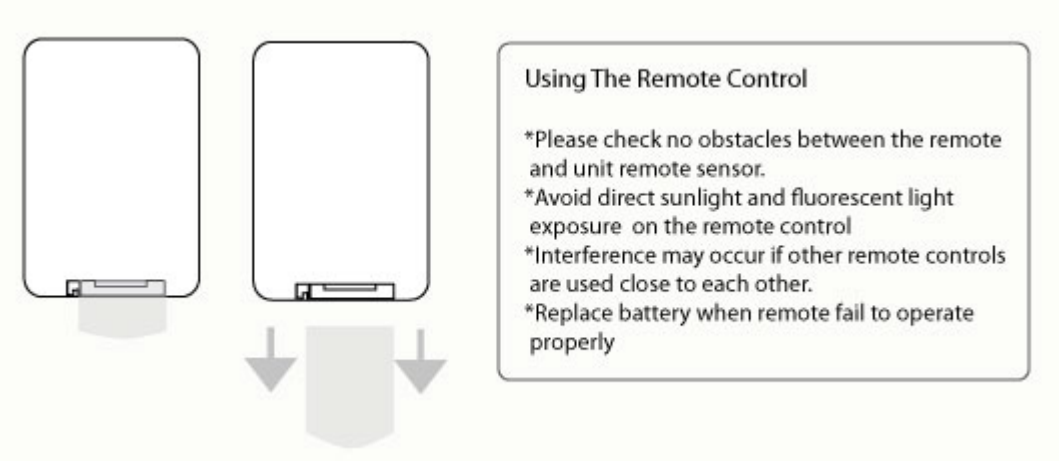
2.1: Package Contents

Please make sure the following accessories are in the box when opened.



2.2: Remote control Setup

Please remove the plastic strip from battery compartment.


Using The Remote Control
*Please check no obstacles between the remote and unit remote sensor.
*Avoid direct sunlight and fluorescent light exposure on the remote control
*Interference may occur if other remote controls are used close to each other.
*Replace battery when remote fail to operate properly

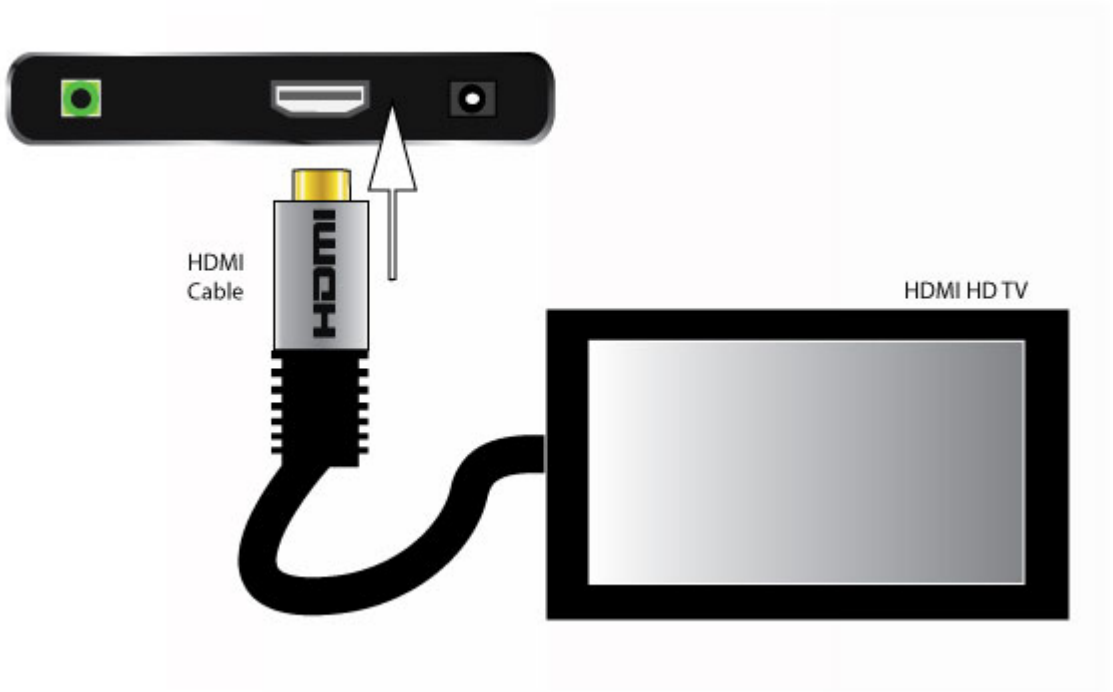
2.3: TV Connection Setup

Following instructions show how to connect the Cyclone Micro to a TV. There are two ways to connect use either HDMI or Composite.

2.3.1: HDMI TV Connection Setup (High Definition).

For high quality video and sound it is recommended to use HDMI. The HDMI port can provide up to 1080p* resolution if the TV can support it.

- Plug the HDMI cable* into the HDMI port of the cyclone micro player.
- At the other end of the cable, plug it into the TV HDMI port.
- Select the right TV mode connection (if required).



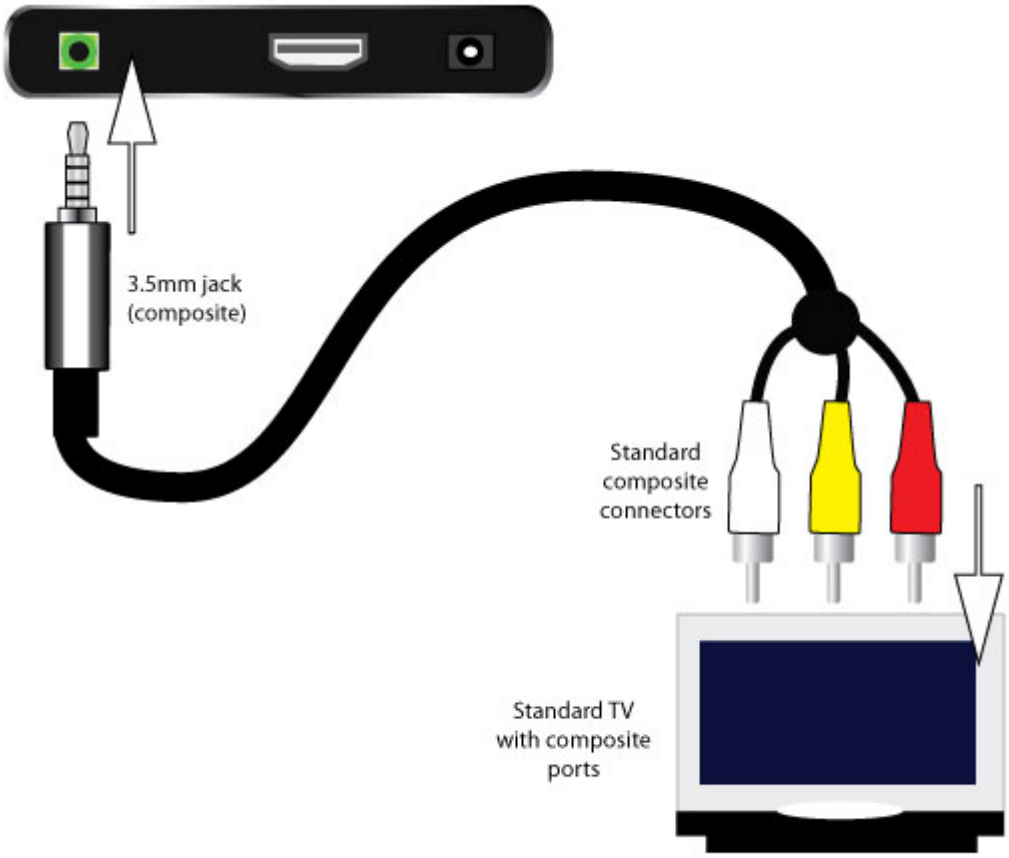
*** Please note the device can display 570p/720p/1080i and 1080p resolution but not all HDTV's can support higher resolutions, please consult TV manual.**

*** Please note the HDMI cable is not included with this product.**

2.3.2: Composite TV Connection Setup (Standard Definition).

The following instructions are to connect a composite (AV) to a TV.

- Using the AV lead (supplied) Connect the 3.5mm jack into the 3.5mm composite port on the cyclone micro player.



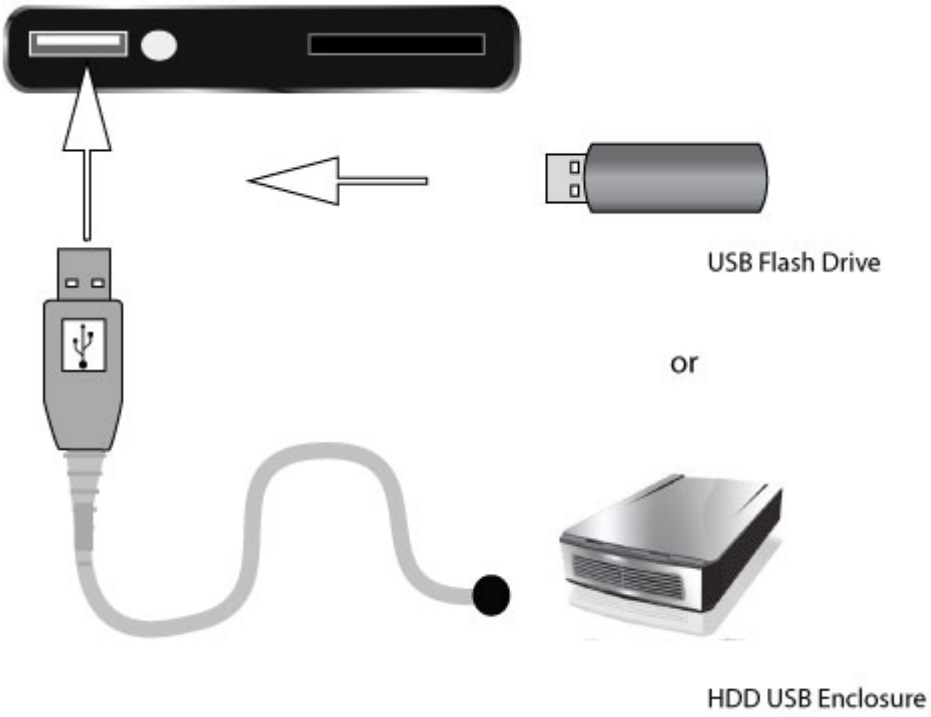
- At the other end of the cable, plug the red, yellow and white connectors to the matching ports on the TV.
- Select the right TV mode connection (if required).

2.4: Storage Connection setup

The Cyclone Micro can read files from 2 different storage devices, MEMORY CARD or USB connection. Both can be connected and used together if required.

2.4.1: USB Connection setup

Connect USB storage device* to Cyclone Micro USB port using the cable that comes with the storage unit.



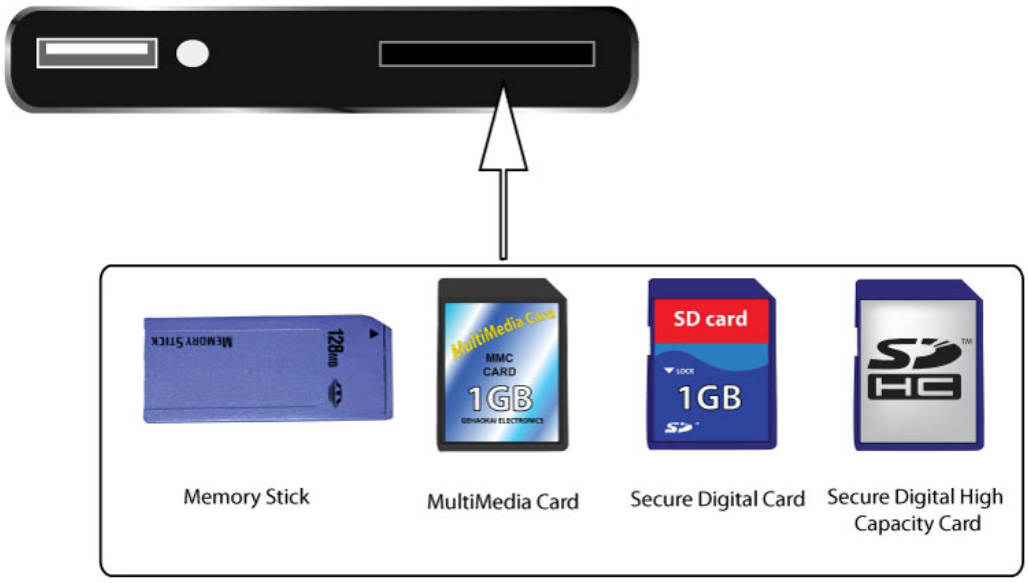
***Please note while the player can usually support all majority USB storage devices, there are may be chance not all devices are compatible with this media player.**
***If the USB device needs power, turn on the Cyclone Micro first. (Please refer to section 2.5).**

***Please note if you using a new USB storage device which has no data on it, you must format it using the pc software tool. Cyclone Micro cannot initiated format on devices**

*** Please note the USB 2.0 cable is not included with this product.**

2.4.2: Memory Card Connection setup

Cyclone Micro card slot supports the following memory cards, SD, SDHC, MMC and MS.



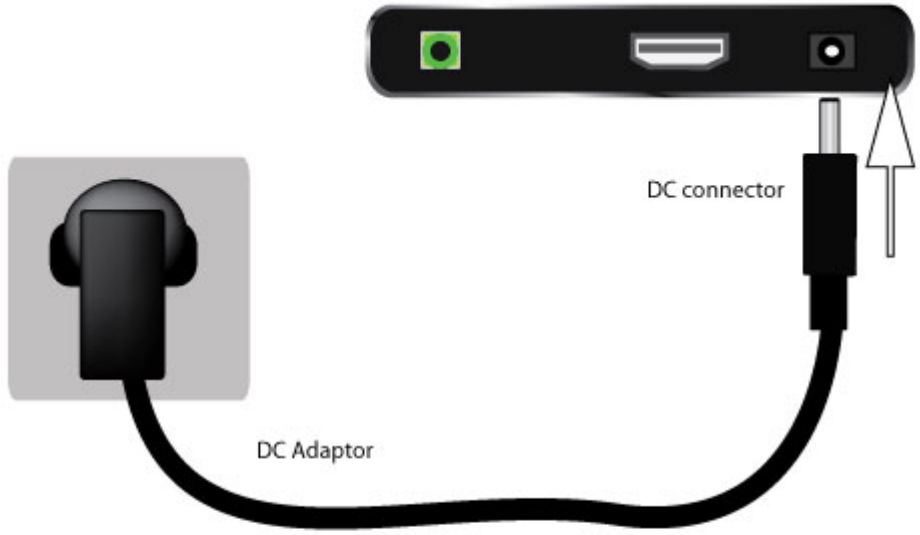
Insert memory card* into the card slot

*** Please note the player will only recognise FAT, FAT32 and NTFS file systems on USB storage devices.**

*** Recognises FAT and FAT32 on Memory cards.**

2.5: Connecting power

Connect the power cable to the Cyclone Micro DC connector, and to the power socket.



Power LED turn red "on standby mode"

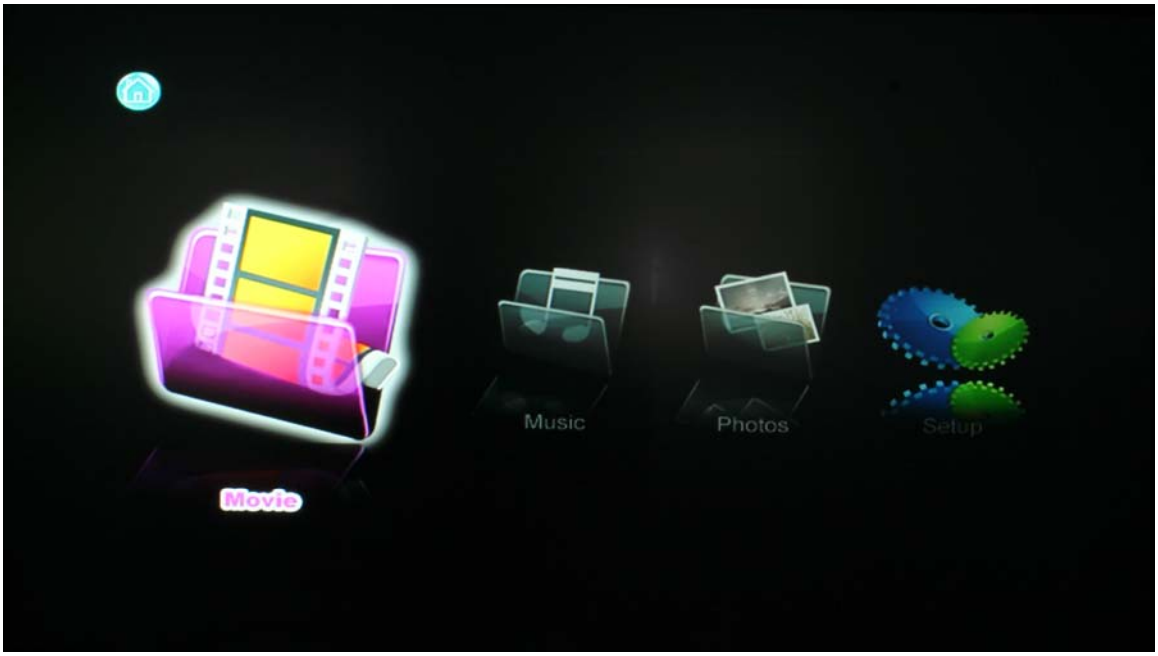
The power LED at the front will light up RED when “in standby mode” indicating power is connected. Cyclone Micro is ready to start.

2.6: Startup Player

Press the power on / **Standby** button on the remote control to turn the player on.

Cyclone Micro power LED light will then turn blue ”On mode”.

The main menu should appear after few seconds.



If your USB storage device needs power*, please turn on now*.

*** Please note always turn the Cyclone Micro on first before using a USB storage device. Cyclone Micro will not recognize USB devices if Cyclone Micro is powered on last.**

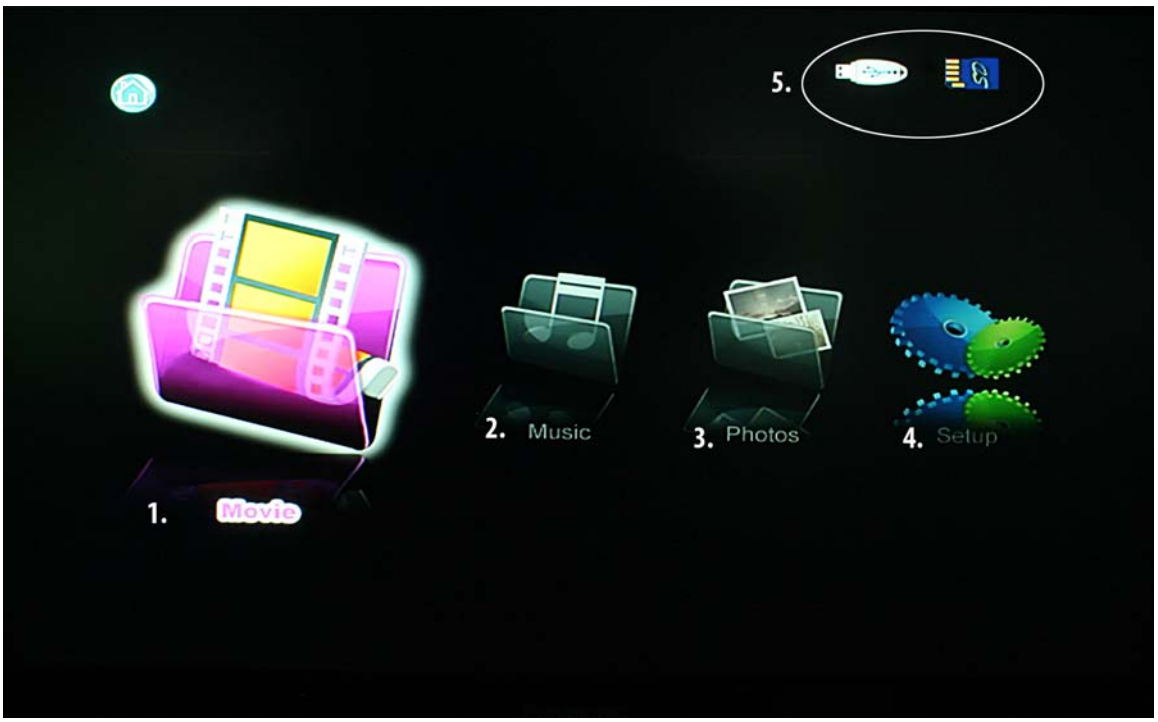
*** Please note if you have problems with main menu display, example the picture is black and white or the display is showing distorted, please go to setup menu and adjust the Resolutions/TV system/TV Type options.**

3.Main Menu

Cyclone Media main menu appears when you first start up the player, or when you please the **HOME** button on the remote control.

Main menu has four menu options for you to choose from.

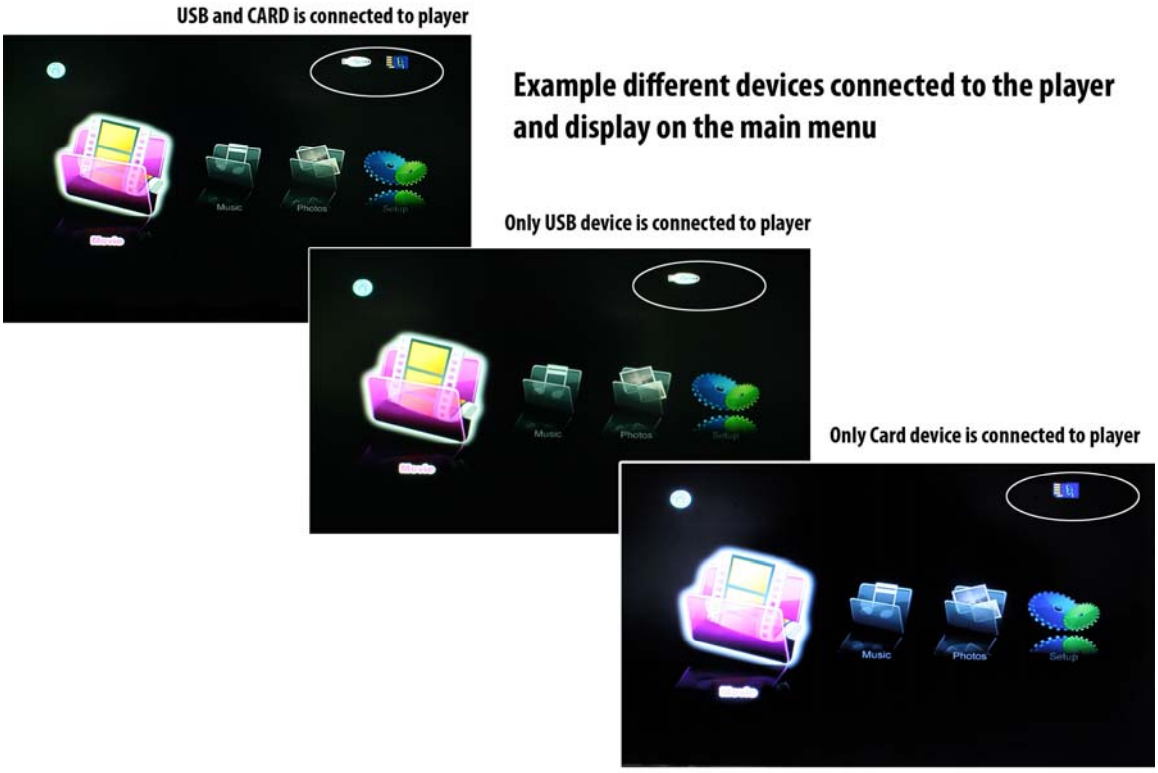
1. Movie.
2. Music.
3. Photo.
4. Setup.



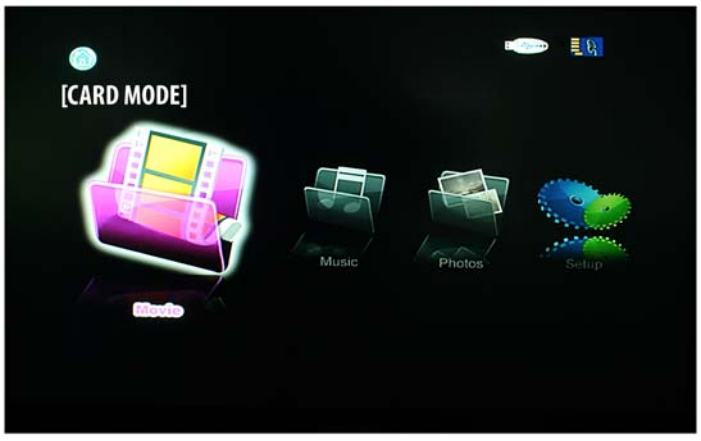
5. The icons shown on the top right corner of the main menu show the storage devices currently connected to the player.

3.1 Display and Selecting Storage Device (USB or CARD)

Cyclone Micro allows USB and CARD to be connected together same time. You can remove and plug in different storage devices any time even when the player is still on. The players plug in and play facility requires no restart or shutdown to detect new
devices.


USB and CARD is connected to player
Example different devices connected to the player and display on the main menu
Only USB device is connected to player
Only Card device is connected to player
Music
Photos
Setup

The Cyclone Media can only read one storage device at any one time on the menu screen. To change and read the other storage device, you must press the **STORAGE** button on the remote control.



Example: display change from USB MODE to CARD MODE

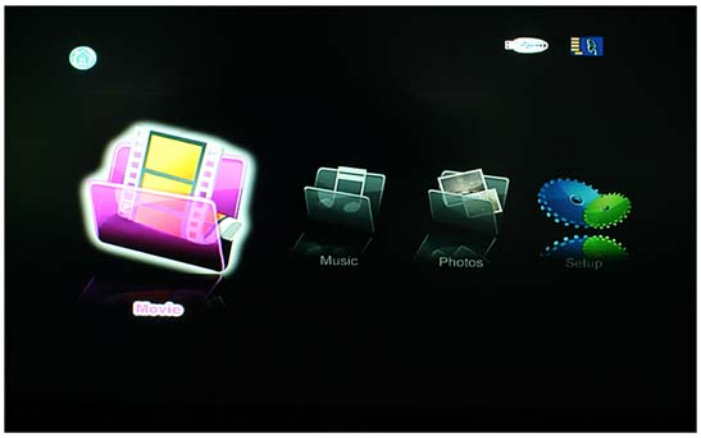
After the **STORAGE** button is pressed the storage mode text will display on screen to confirm you have move over to that storage device.

*** Please note when a new storage device is selected, the player will automatically load and display the movie menu of that selected storage mode. To return back to main menu press the HOME button on the remote control.**

Please note, default settings for the storage device is USB this can be changed to CARD mode in the setup menu. If the CARD is the only device connected to the Cyclone Micro, the menu will be automatically set to CARD mode.

4.Playing Movies

On main menu browse to Movie menu icon and press **ENTER** on the remote control.



4.1 Partition Drives (USB device only)

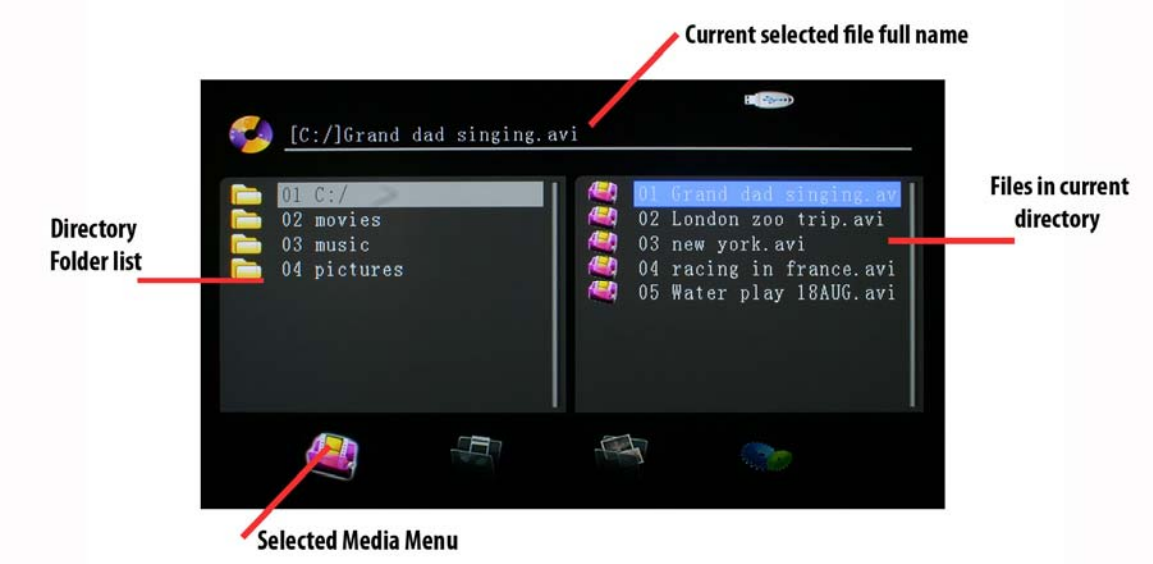
If the USB storage device i.e. hard drive enclosure has been partitioned, the next menu will appear.

If you have no partition on your storage device please go to next page.

Using the **NAVIGATION BUTTONS** to choose the partition and press **ENTER** to select it.

4.2 Movie Menu

The Movies library menu will appear on screen as follows.



Navigate using the **NAVIGATION BUTTONS** on the remote control to the file you required to play. Press **ENTER** on the remote control to play file. If files have been stored in a folder, please navigate to the folder and press **ENTER** to open folder.

You can access this menu quickly by pressing the **MOVIE MENU** button on the remote control.

Use the **RETURN** button on the remote control to move up a folder if you're currently in a sub folder.

4.3 MOVIE PLAYBACK OPTIONS

During video playback, there are number options to choose from.
Here are the lists

Press **PLAY/PAUSE** to PAUSE video press again to resume play

Press **FAST FORWARD** to fast forward the video, keep on pressing button to increase speed by X2,X4,X8 and X20

Press **REWIND** to rewind the video, keep on pressing button to increase speed by X2,X4,X8 and X20

Press **MUTE** to TURN OFF sound from video playback and press again to TURN ON sound again

Press **NEXT** button to play next file on the list.

Press **PREV** button to play previous file on the list.

Keep on pressing the **REPEAT** button will go though several repeat options.

- Repeat 1: The file currently playing will continuously repeat.
- Repeat DIR: All files in current folder/directory will continuously repeat.
- Repeat CANCEL: Cancels all repeat operations.

Pressing **ZOOM** button will go into zoom mode; Video zoom levels: 2X, 3X, 1/2X, 1/3X, 1/4X.

Pressing the **AUDIO** button during playback will let you select the audio options. L MONO / R MONO / MIX MONO or STEREO.

After pressing the **INFORMATION** button, the following menu will appear providing detailed information of the current file playing.

Press the **INFORMATION** button again to view the GOTO screen.
Using the GOTO menu allows a jump to any part of the video file, by typing the required time.

Using the **NAVIGATION** buttons, please add the play time you like to start to play the video from. HR: MIN: SEC.

Pressing **SUBTITLE** button during video back provide subtitle options, if it's available with the current file playing.

5.Playing Music

From the main menu navigate to the Music menu icon and press **ENTER** on the remote control.

5.1 Partition Drives (USB device only)

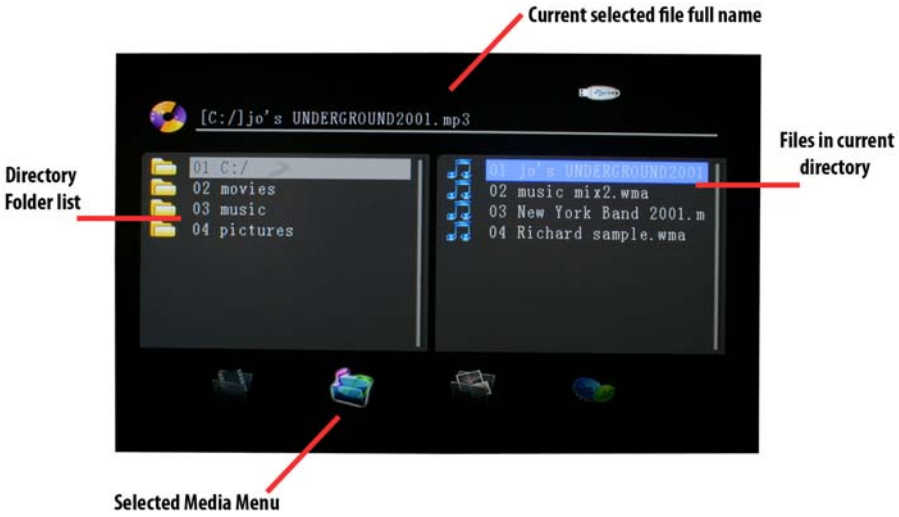
If the USB storage device i.e. hard drive enclosure has been partitioned, the next menu will appear.

If you have no partition on your storage device please go to next page.

Using the **NAVIGATION BUTTONS** to choose the partition and press **ENTER** to select it.

5.2 Music Menu

The Music library menu will appear on screen



You can access this menu quickly by pressing the **MUSIC MENU** button on the remote control.

Navigate using the **NAVIGATION BUTTONS** on the remote control to the file you required to play. Press **ENTER** on the remote control to play file.

If files are stored in a folder, please navigate to the folder and press **ENTER** to open it.

Use the **RETURN** button on the remote control to move up a folder if you're currently in a sub folder.

5.3 MUSIC PLAYBACK OPTIONS

During music playback, there are number options to choose from.
Here are the lists.

Press **PLAY/PAUSE** to PAUSE music, press again to resume play.

Press **FAST FORWARD** to fast forward the music, keep on pressing button to increase speed by X2, X4, X8 and X20.

Press **REWIND** to rewind the music, keep on pressing button to increase speed by X2, X4, X8 and X20.

Press **MUTE** to TURN OFF sound from music playback and press again to TURN ON sound again.

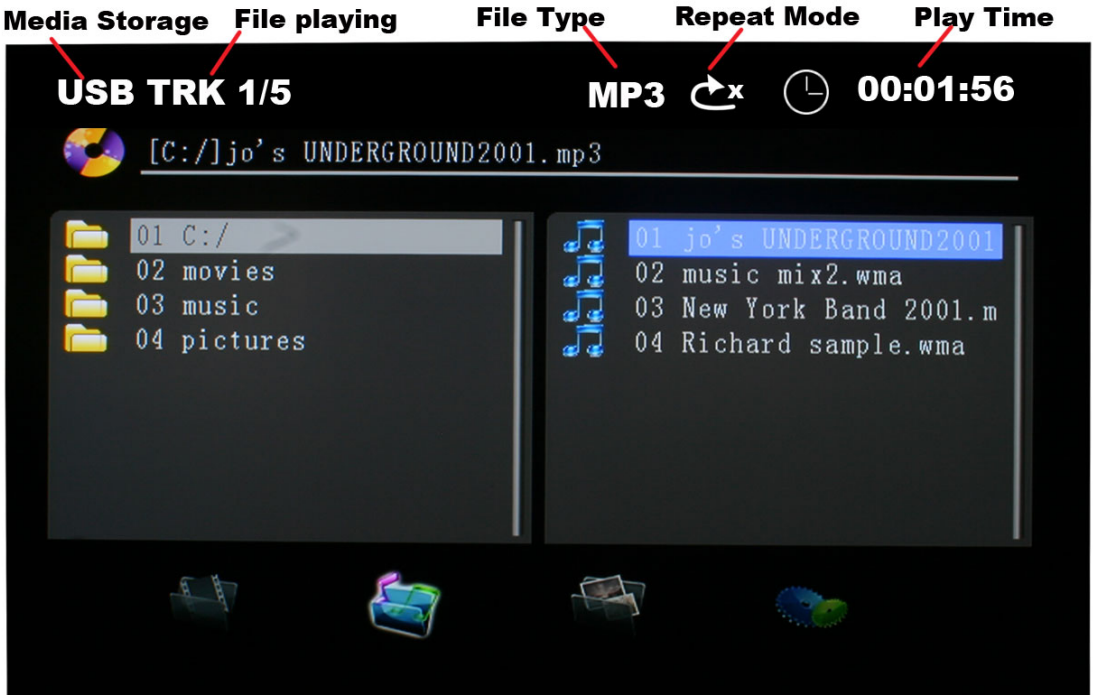
Press **NEXT** button to play next file on the list.

Press **PREV** button to play pervious file on the list.

Keep on pressing the **REPEAT** button it will go though several repeat options.

- Repeat 1: The file currently playing will continuously repeat.
- Repeat DIR: All files in current folder/directory will continuously repeat.
- Repeat CANCEL: Cancels all repeat operations.

After pressing the **INFORMATION** button the following menu will appear. The menu provides detailed information about the current file playing.

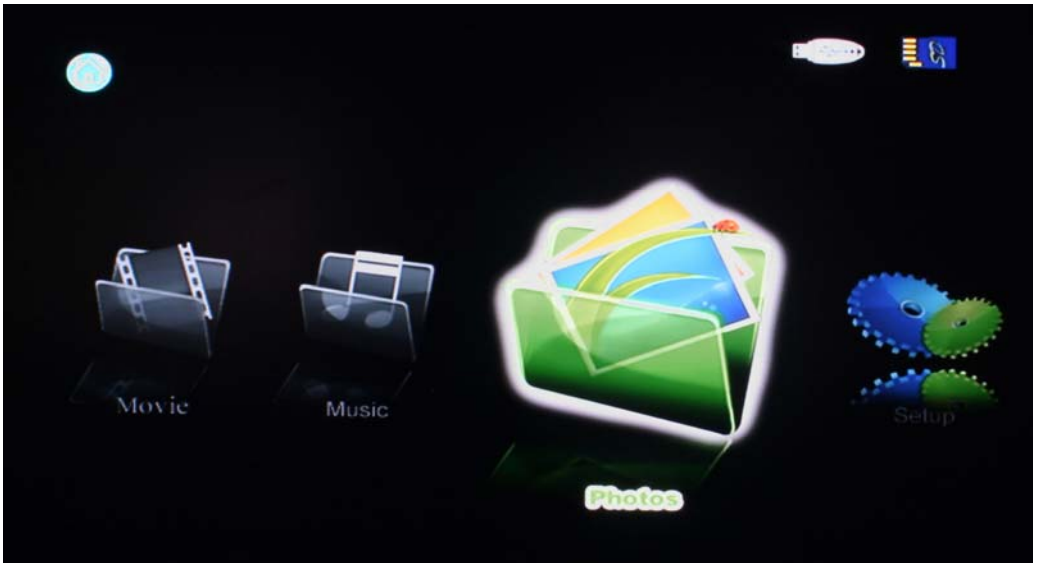


5.4 Play Slideshow with Music

Start playing the music > Press the **PHOTOS MENU** button on the remote control to switch to photo menu > Start playing the selected photos.

6. Playing Photos

On the main menu navigate to the Photos menu icon and press **ENTER** on the remote control.



6.1 Partition Drives (USB device only)

If the USB storage device i.e. hard drive enclosure has been partitioned, the next menu will appear.

If you have no partition on your storage device please go to next page.

Using the **NAVIGATION BUTTONS** to choose the partition and press **ENTER** to select it.

6.2 Photos Menu

The Photos library menu will appear on screen.

You can shortcut to this menu quickly by pressing the **PHOTOS MENU** button on the remote control.

Navigate using the **NAVIGATION BUTTONS** on the remote to the file you which to view then press **ENTER**.

You may notice the picture preview is displayed instead of the folder listing on the left hand side of the screen. To display folders press the left **NAVIGATION** button.

If files are stored in a folder, navigate to the folder and press **ENTER** to open.

Use the **RETURN** button on the remote control to move up a folder if you're currently in a sub folder.

6.3 PHOTO PLAYBACK OPTIONS

During photo playback, there are a number of options to use on the remote control. Here are the lists.

Press **PLAY/PAUSE** button to PAUSE music, press again to resume play.

Press **NEXT** button to play next file on the list.

Press **PREV** button to play pervious file on the list.

Press **NAVIGATION** buttons to rotate or flip the photo.

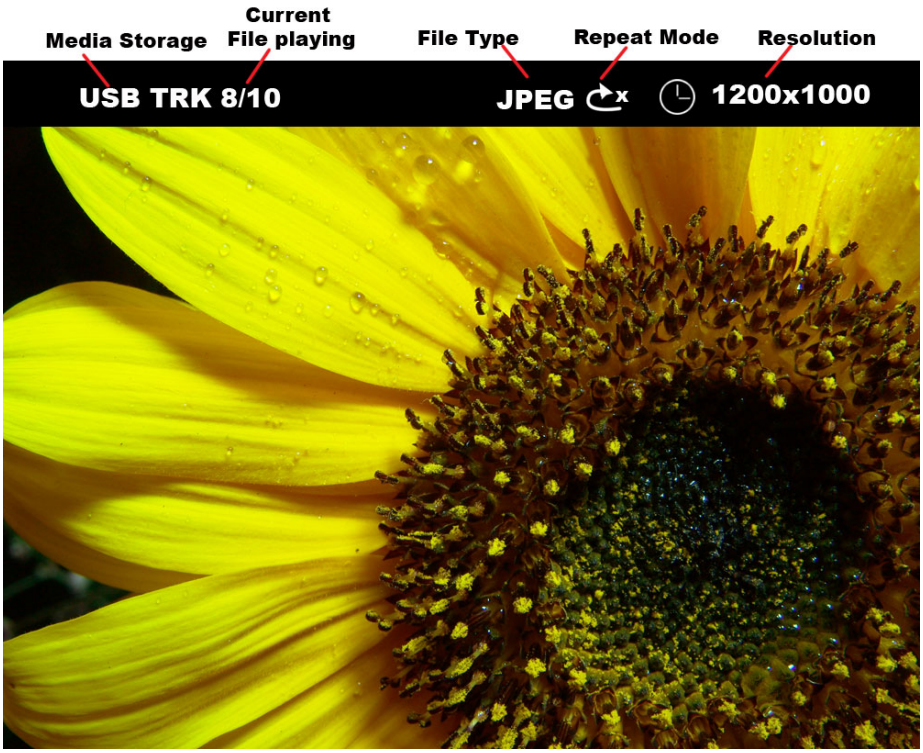
- Use ▲ button to flip vertical one time.
- Use ▼ button to flip horizontal one time.
- Use ◀ button to anticlockwise rotate one time at 90 degree.
- Use ▶ button to clockwise rotate one time at 90 degree.

Pressing **ZOOM** button will go into zoom mode; Photo zoom levels: 2X, 3X, 1/2X, 1/3X, 1/4X

Keep pressing the **REPEAT** button to cycle the various options.

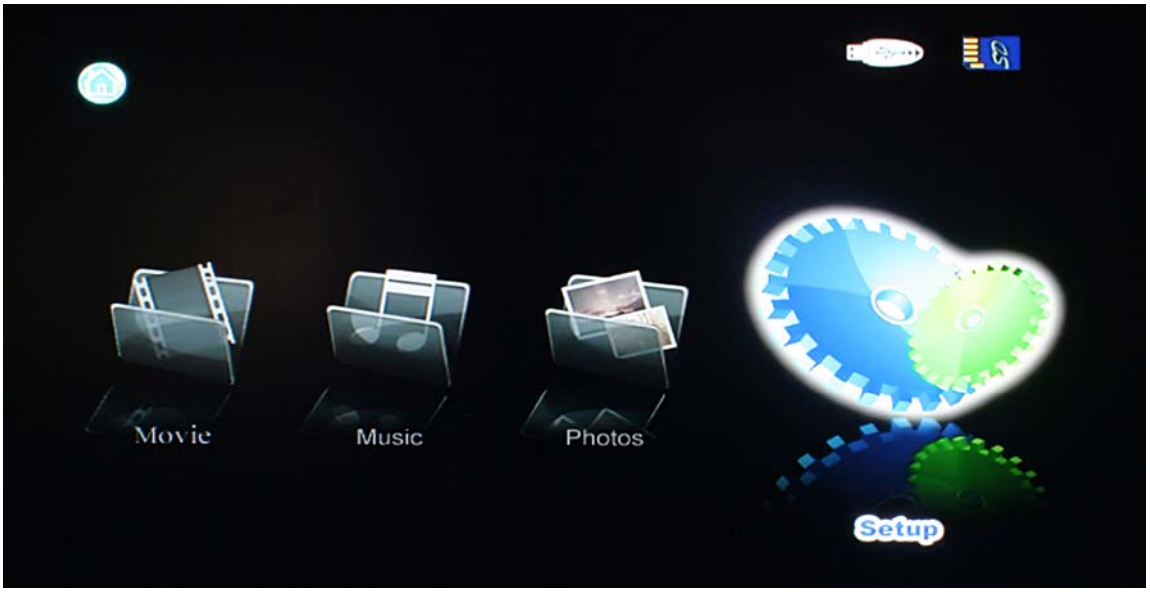
- Repeat 1: The file currently playing will continuously repeat.
- Repeat DIR: All files in current folder/directory will continuously repeat.
- Repeat CANCEL: Cancels all repeat operations.

After pressing the **INFORMATION** button the following menu will appear providing detail information of the current file playing.

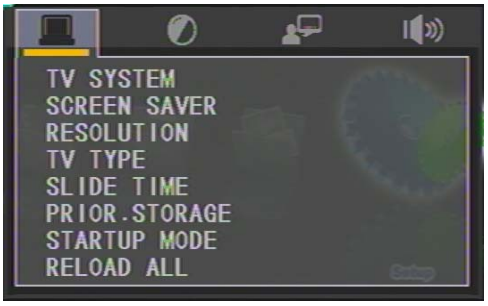


7.Setup Menu

From the main menu navigate to the Setup menu icon and press **ENTER** on the remote control.



The setup menu will appear as shown below



There are 4 different category tabs

- System
- Display
- Menu
- Sound

7.1 System Setting

Use the **NAVIGATION** buttons to select the required System menu options. Press **ENTER** button to view the full options menu.

TV System

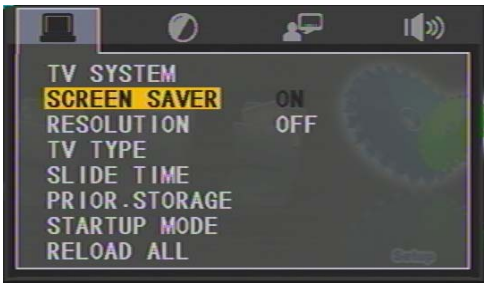
Depending on region, please select the correct system to meet the requirements of your TV.

- NTSC (America and pacific countries)
- PAL 60 (Europe 60Hz)
- PAL (Europe)
- AUTO

The system default is NTSC

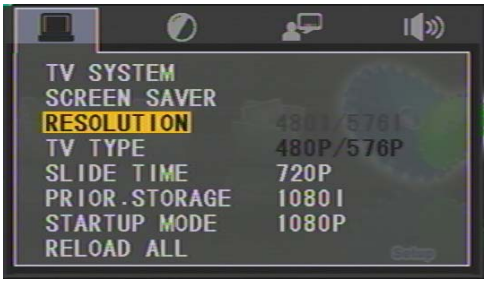
Please note you can use the P/N button on the remote control for direct access to TV system settings.

Screen Saver



Turns the Cyclone Micro screen saver ON or OFF.
If the screensaver is ON the player will start the screen saver after 1 minute of inactivity.

Resolution

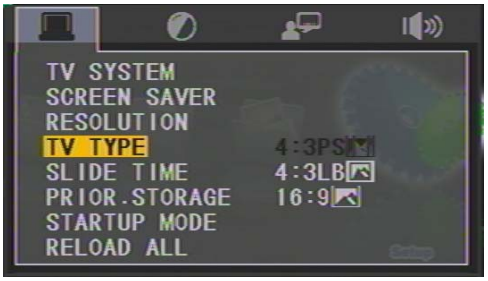


Depending on TV, please choose the correct resolution setting for your TV.

1. 480i/576i: Default resolution.
2. The 480p/576p output is 480p (710.85*486) or 576p (702*576) progressive scanning
3. The 720p output is 1080*720 for progressive scanning。
4. The 1080i output 1920*1080 for interlaced scanning
5. The 1080p output is 1920*1080 for progressive scanning

An SDTV is usually 480i/576i; HDTV can support 480p/576p, 720p, 1080i and up to 1080p.

Aspect Ratio

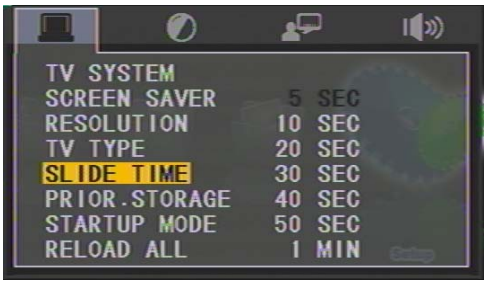


- **Pan Scan 4:3**: Select this when a standard 4:3 TV is connected. Crops a widescreen picture to 4:3 (edges maybe cut off).

- **Letter Box 4:3**: Select this when a standard 4:3 TV is connected. Playback of widescreen formats will have black borders on the top and bottom of the screen.

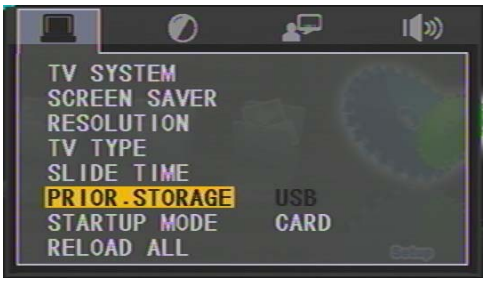
- **16:9**: Select when a 16:9 TV is connected.

Slide Time (Photo menu setting)



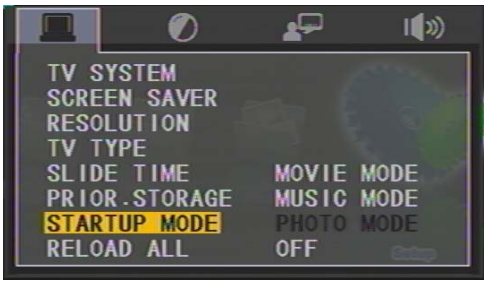
Select interval time for photos to be displayed during a slide show.

Priority Storage



If both media storage devices are connected, this option allows selection of priority between USB or CARD when Cyclone Micro starts up.

Startup Mode



MOVIE MODE: If there is no activity within 10 seconds after startup, the system will switch to the movie menu and play the first file on the list.

MUSIC MODE: If there is no activity within 10 seconds after startup, the system will switch to the music menu and play the first file on the list.

PHOTO MODE: If there is no activity within 10 seconds after startup, the system will switch to the photo menu and play the first file on the list.

OFF: After power on, the system interface will stay on the main menu.

Default

Select to restore factory defaults.

7.2 Display Setting

Use the **NAVIGATION** buttons to select the menu option you require. Press **ENTER** button to view the full options menu

Brightness

Adjust the brightness on screen using **NAVIGATION** buttons.

Contrast

Adjust the contrast on screen using **NAVIGATION** buttons.

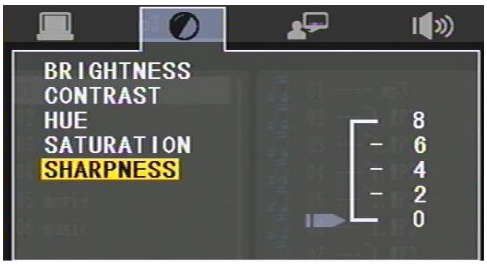
Hue

Adjust the Hue on screen using **NAVIGATION** buttons.

Saturation

Adjust the saturation on screen using **NAVIGATION** buttons.

Sharpness



Adjust the sharpness on screen using **NAVIGATION** buttons.

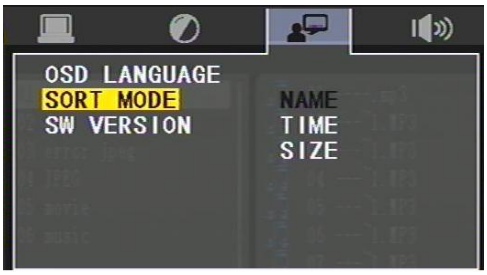
7.3 Menu Setting

Use the **NAVIGATION** buttons to select the menu option required. Press the **ENTER** button to view the full options menu

Language Setup

Select language for the menu system.

Sort Mode



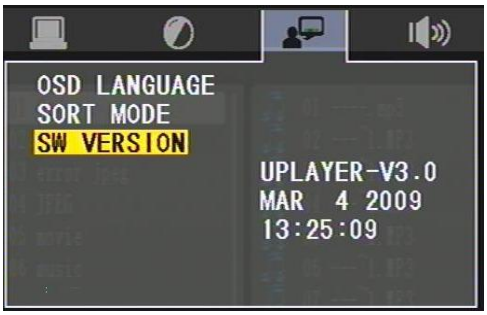
For arranging files in the folder lists using the following methods.

NAME: sort by name (a to z).

TIME: sort by time (sorted by last modified file)

SIZE: sort by size (small to large)

Firmware Version



Displays information about current firmware installed.

7.4 Sound Setting

Use the **NAVIGATION** buttons to select the menu option required. Press

ENTER button to view the full options menu

Down mix Mode: Down mixes surround sound to 2-channel stereo.

- **LT/RT**: If media supports Dolby PRO LOGIC output, select the LT/RT option.
- **STEREO**: If audio output is 2-channel, please select STEREO.
- **V SURROUND**: If media supports 5.1 surround sound, select V.SURROUND.

8. Edit Menu

The menu is used for editing media files and storage media.

3 Functions available:

- COPY(Copy selected file from USB* to CARD* or vice visa)
- DELETE(Delete the selected file)
- FORMAT(Format selected media storage in FAT32)

To access the Edit menu choose a file to edit or the media storage unit (USB or CARD) for formatting.

Press the **EDIT** button on the remote control the next menu* will appear on screen.

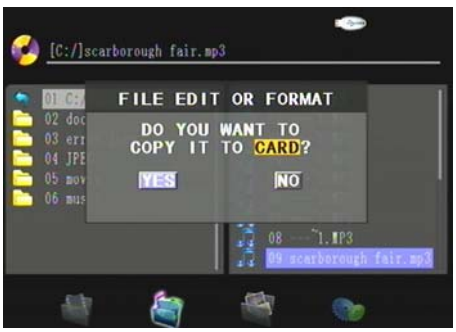
*** Please note the menu will disappear after 10 second if no button is pressed.**

*** Please note do not disconnect or turn off any storage unit (USB or CARD) when coping, deleting or reformatting.**

8.1 Copy Menu

Use this menu to copy media files from USB to Card or vice visa.

Select the copy menu using **NAVIGATION** buttons and press **ENTER** button to view next screen.



When copying from CARD to USB the message will say USB instead of CARD.

Select YES or NO to continue copying the file.

Depending on the file size, it may take some time for the copy to complete.

Please note copy function only works only FAT or FAT32 storage devices.

8.2 Delete Menu

Use this menu to delete files from attached storage unit(s).

Select the delete menu using the **NAVIGATION** buttons and press **ENTER** button to view next screen.

Select YES or NO to confirm deletion of the file.

8.3 Reformat Menu

Cyclone Micro can reformat the storage media devices using the FAT32 file system.

Select the Format menu using the **NAVIGATION** buttons and press **ENTER** button to view next screen.

The tool can only REFORMAT the storage device it cannot format a new device which has no file system.

Please note it is recommended to use the Windows format utility to reformat storage units instead of using this tool.

This utility can format whole disks or those with partitions.

Select NO if you want to exit from formatting utility.

Depending on the storage unit size, it may take some time for formatting to complete.

9.Specifications* + Contents

Product name:	**Cyclone Micro**
Media storage support:	**USB devices** with file systems: FAT, FAT32 and NTFS* (* editing functions not supported on NTFS formatted devices). **SD, MMC, SD and SDHC Memory card devices** with file systems: FAT and FAT32 only
Video:	**MPEG1/2/4(MPG, VOB, AVI), DivX (avi), XviD (avi),** resolution up to 720 x 480 30fps / 720 x 576 25fps.
Audio:	**MP3,WMA and OGG**
Photo:	**JPEG, BMP and GIF Support 1080p when use HDMI output to TV**
Other format:	**ISO supports above media files**
Subtitle:	**SRT/SM/SSA/SUB**
Functions:	**Playback, copy, delete and reformat**
Input Connections:	**1x USB2.0 and 1x SD/MMC/MS Card**
Output Connections:	**1x HDMI 1.3 and 1x Composite(A/V)**
HDMI:	**Up to 1080p**
OS Language:	**English, German, Spanish, French, Portuguese, Italian and Dutch**
DC Power:	**5.5V 2A**

*** Product specifications are subject to change without notice.**

Contents

Cyclone Micro Media Player Adaptor
DC adaptor
Composite AV cable
CD disk (manual)
Remote Control

10. Troubleshooting

Problems	Solution
TV Screen is Blank and the media player adaptor LED is off.	• Check power adapter is ok and connected. • Check interface cables are correctly connected. • Turn TV on. • Turn Cyclone Micro on.
TV Screen is Blank and the media player adaptor LED is on.	• Check interface cables are correctly connected. • Turn TV on. • Check power adapters is ok and connected.
Picture is black and white and distorted.	• Check interface cables are correctly connected. • Press **P/N** button to select PAL/NTSC TV system. • Go to setting menu and change the resolution settings and/or aspect ratio setting.
Cyclone player keeps on asking if my USB device needs to be formatted.	• Ensure you turn ON your Cyclone Micro first before turning ON the USB devices. • Check your USB device has been formatted properly and the format file system is compatible with the Cyclone Micro, see **9. Specifications**. • Is USB device is faulty?
Cyclone Micro menu system keeps hanging during access USB device.	• Ensure you turn ON Cyclone Micro before turning ON USB devices. • Is USB device is faulty?
No Sound.	• Check TV volume and Cyclone Micro player volume • When using Composite connection check composite audio is connected correctly.

Does not detect or play file.	• Check if file is compatible with the Cyclone Micro see **9. Specifications**.
Copying does not work?	• USB and CARD devices should be formatted FAT or FAT32. NTFS is not supported by copy functions.

For firmware updates please check www.sum-vision.co.uk

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